

REMARKS

Claims 38-42 were rejected under 35 USC§ 103(a) as being unpatentable over Grothe, et al., in view of Stoddard, et al. In the last response filed (March 19, 2003), the applicants argued that the invention requires only a "single display routine" to drive the displays of different types. The Examiner in the final office action indicated that Stoddard teaches a single "display generator", thus rejecting the independent claim (claim 38) for this set of rejections. This rejection is traversed. A display routine is not the same or even closely related to a display generator. The present invention can be used with one or more display generators.

A "single display routine" is not the same as a "single display generator" in the context of the Stoddard patent. The "single display generator" provides a common means for rendering display objects while the "single display routine" provides a means for defining the display objects to be rendered. In the present patent application, the words "display generator" were not used. However, the display generator is the same element as the one or more display interfaces from the output of the video library as set out on page 4, lines 8-13. The feature and operation of the single display routine is set out on page 9, lines 1-12. The single display routine could be used with the single display generator of Stoddard as well as other display interfaces. Stoddard discussed a hardware generator while the present patent application teaches a software routine that interfaces with the hardware generator(s). The "single display routine" is a software functional interface that may use one or more "single display generators". The "single display generator" as defined in the Stoddard patent is a specific hardware solution for rendering displays while the "single display function" as defined in the present patent application is a software functional interface not limited to any one specific hardware solution. Neither Stoddard, Grothe or Tomiyasu, individually or in combination teach or imply a single display routine as described in the present patent application. Therefore, the claims are allowable.

Claims 33-36 and 43-46 were rejected under 35 USC §103 (a) as being unpatentable over Tomiyasu in view of Stoddard, et al. Again, the independent claims (claims 38, 43 and

Serial No.: 09/460,197
Art Unit: 2674

Attorney's Docket No.: H25311
Page 7

48) for this set of rejections, each contain the feature of a "single display routine". As previously argued, a display routine is not the same as a display generator. Thus, the independent claims are allowable over the prior art, making the dependent claims also allowable.

Having responded to each and every objection and rejection raised by the Examiner, it is believed that the patent application is now in condition for allowance, and such allowance is respectfully requested. If the Examiner has any questions or suggestions for expediting an allowance in this matter, the Examiner is invited to call the undersigned collect.

The Commissioner is authorized to charge any fees or credit any overpayment under 37 CFR §§ 1.16 and 1.17 which may be required during the entire pendency of the application to Deposit Account No. 01-2335.

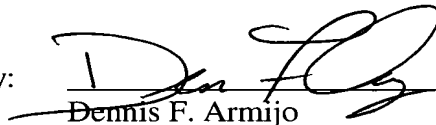
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Respectfully submitted,

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